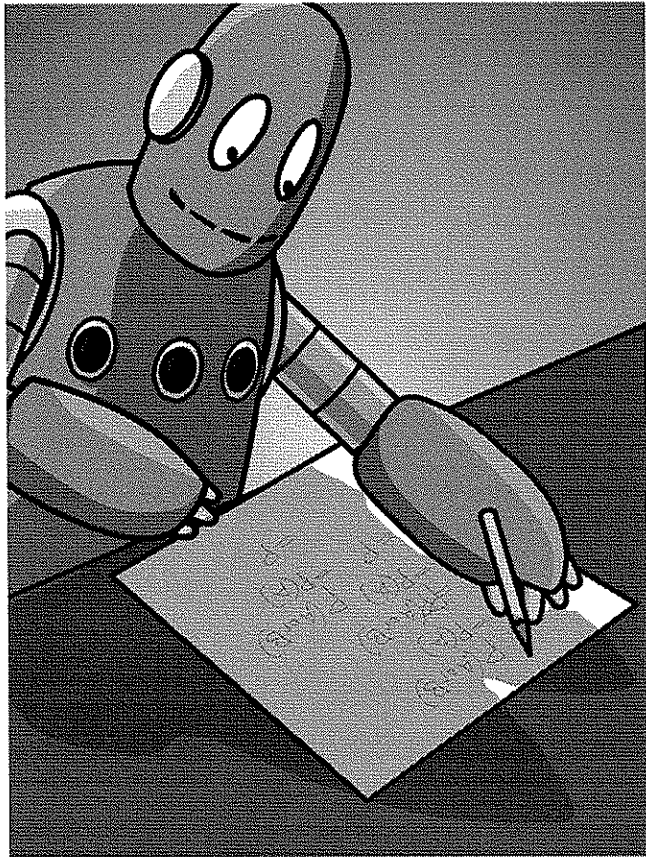
**YUCK!**

In the movie, Tim and Moby show you how to calculate the probabilities of various events. Here's a recap!

**Probability of Mutually Exclusive Events**

The probability of one or the other of two mutually exclusive events (like flipping a coin heads or tails) can be found by adding the probability of the first event to the probability of the second event.

Expressed as an equation, this is:

$$P(A \text{ or } B) = P(A) + P(B)$$

Where  $P(A)$  is the probability of one event, and  $P(B)$  is the probability of the second event.

**Probability of Inclusive Events**

The probability of one or the other of two inclusive events can be found by adding the probability of the first event to the probability of the second event and subtracting the probability of both events happening.

Expressed as an equation, this is:

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

Where  $P(A)$  is the probability of one event, and  $P(B)$  is the probability of the second event.